

# 3  
Patent

Attorney's Docket No. 013155-063

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

Michele M. COVELL et al

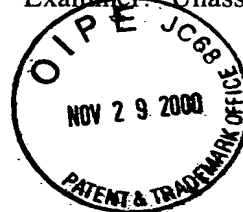
Application No.: 09/520,964

Filed: March 8, 2000

For: THREE DIMENSIONAL OBJECT POSE  
ESTIMATION WHICH EMPLOYS  
DENSE DEPTH INFORMATION

)  
)  
) Group Art Unit: 2721

)  
) Examiner: Unassigned



**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.


- ☒ [X] No additional fee for submission of an IDS is required.
- ☐ [ ] The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ [ ] A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ [ ] A certification under 37 C.F.R. § 1.97(e), a petition requesting consideration of the information disclosure statement, and the petition fee of \$130.00 (122) as set forth in 37 C.F.R. § 1.17(i) are also enclosed.
- ☐ [ ] Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ [ ] A check in the amount of \$\_\_\_\_\_ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

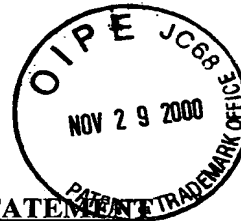
P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

By:   
James A. LaBarre  
Registration No. 28,632

Date: November 29, 2000

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Michele M. COVELL et al ) Group Art Unit: 2721  
Application No.: 09/520,964 ) Examiner: Unassigned  
Filed: March 8, 2000 )  
For: THREE DIMENSIONAL OBJECT POSE )  
ESTIMATION WHICH EMPLOYS )  
DENSE DEPTH INFORMATION )



**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. A copy of each of the documents cited below is enclosed.

**Miscellaneous Documents**

Bregler, Christoph, et al, "*Tracking People with Twists and Exponential Maps*", Computer Science Division, U.C. Berkeley, 8 pages.

Murray, R. et al, "*Chapter 2, Rigid Body Motion*", A Mathematical Introduction to Robotic Manipulation, CRC Press, Boca Raton, 1994, pps 19-30, 34-61, 85-87, 115-117.

Pentland, Alex et al, "*Recovery of Nonrigid Motion and Structure*", IEEE Transactions of Pattern Analysis and Machine Intelligence, Vol. 13, No. 7, July 1991, pps 730-742.


Yamamoto, Masanobu et al, "*Incremental Tracking of Human Actions from Multiple Views*", 1998 IEEE, Department of Information Engineering, Niigata University, pps 2-7.

To assist the Examiner, the references are listed on the attached form PTO-1449. It is respectfully requested that an initialled copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

By:   
James A. LaBarre  
Registration No. 28,632

Date: November 29, 2000